

[MODULARIZED INTEGRATED AIR-CRAFT SEAT STRUCTURE]

Abstract

An aircraft is provided comprising a fuselage and a central monitoring system positioned within the fuselage. A plurality of seating elements is also positioned within said fuselage. Each of the plurality of seating elements includes a plurality of seat options integrated into the seating element and an electronics control system integrated into the seating element. The electronics control system includes a seat processor having logic adapted to monitor an operational status of each of the seat options and communicate the operational status to the central monitoring system via wireless communication.